

FIG. 1

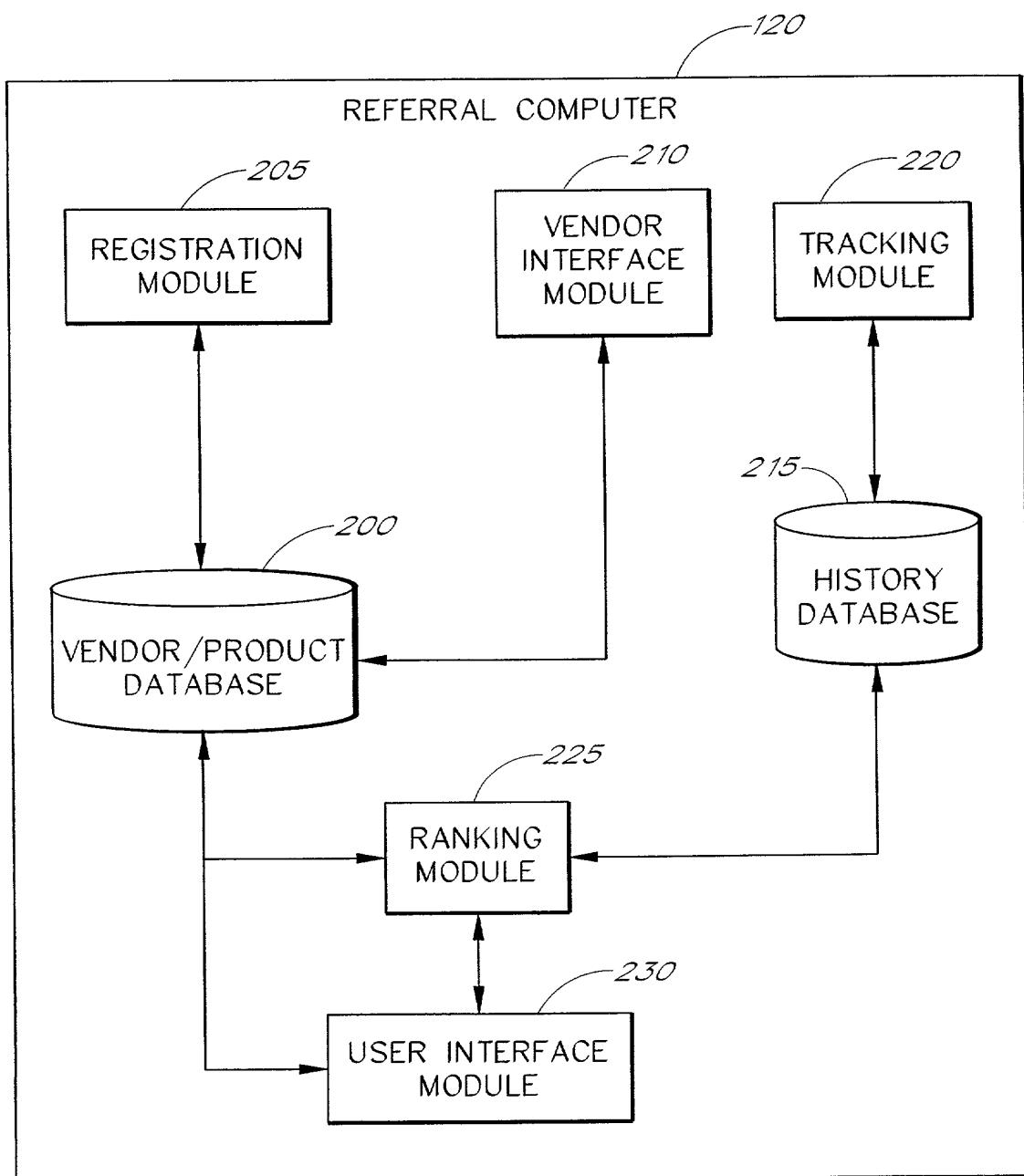


FIG. 2

ATTRIBUTE TABLE

FIELD	
ATTRIBUTE ID	302
GROUP ID	304
NAME	306
VALUE	308

FIG. 3A

ATTRIBUTE GROUP TABLE

FIELD	
GROUP ID	304
CATEGORY ID	312
NAME	306
TYPE	314

FIG. 3B

CATEGORY TABLE

FIELD	
CATEGORY ID	312
PARENT ID	318
NAME	306
CATEGORY NOUN	319

FIG. 3C

318  
CATEGORY BID TABLE

FIELD	
VENDOR ID	320
CATEGORY ID	312
CLICK BID	322
PURCHASE BID	324
PURCHASE FRACTION	326

FIG. 3D

328  
CATEGORY SYNONYM TABLE

FIELD	
CATEGORY ID	312
SYNONYM	330

FIG. 3E

DENORMAL TABLE

FIELD	
PRODUCT ID	334
VENDOR ID	320
PRICE	336
AVAILABILITY	338
START TIME	340
END TIME	342
CLICK URL	344
CLICK LIKELIHOOD	346
BUY LIKELIHOOD	348
REBATE AMOUNT	347
REBATE TYPE	349
MANUFACTURER ID	350
NAME	306
EXPECTED REVENUE	352

*FIG. 3F*

MANUFACTURER TABLE

FIELD	
MANUFACTURER ID	350
NAME	306

*FIG. 3G*

## OFFER TABLE

356

FIELD	
PRODUCT ID	334
VENDOR ID	320
PRICE	336
AVAILABILITY	338
START TIME	340
END TIME	342
CLICK URL	344
CLICK LIKELIHOOD	346
BUY LIKELIHOOD	348
REBATE AMOUNT	347
REBATE TYPE	349

FIG. 3H

358

## PRODUCT TABLE

FIELD	
PRODUCT ID	334
MANUFACTURER ID	350
MODEL NUMBER	360
NAME	306
IMAGE URL	364

FIG. 3I

366

## PRODUCT ATTRIBUTE TABLE

FIELD	
PRODUCT ID	334
ATTRIBUTE ID	302

FIG. 3J

PRODUCT BID TABLE

FIELD	368
VENDOR ID	320
PRODUCT ID	334
CLICK BID	322
PURCHASE BID	324
PURCHASE FRACTION	326
CATEGORY ID	312

FIG. 3K

376

PRODUCT CATEGORY TABLE

FIELD	
PRODUCT ID	334
CATEGORY ID	312

FIG. 3L

378

PRODUCT DESCRIPTION TABLE

FIELD	
PRODUCT ID	334
DESCRIPTION	380

FIG. 3M

382

PRODUCT KEYWORD TABLE

FIELD	
PRODUCT ID	334
KEYWORD	384

FIG. 3N

386

FIELD
VENDOR ID
NAME
URL
LOGO IMAGE URL
ACCOUNT ID

320

306

388

390

402

FIG. 30

VENDOR ACCOUNT TABLE

404

FIELD	
ACCOUNT ID	402
CONTACT LAST NAME	406
CONTACT FIRST NAME	408
CONTACT MIDDLE INITIAL	410
CONTACT PHONE	412
CONTACT FAX	414
CONTACT E-MAIL	416
CONTACT ADDRESS 1	418
CONTACT ADDRESS 2	420
CONTACT CITY	422
CONTACT STATE	424
CONTACT ZIP	426
CONTACT COUNTRY	428
USER NAME	430
PASSWORD	432
BILLING LAST NAME	434
BILLING FIRST NAME	436
BILLING MIDDLE INITIAL	438
BILLING PHONE	440
BILLING ADDRESS 1	444
BILLING ADDRESS 2	446
BILLING CITY	448
BILLING STATE	450
BILLING ZIP	452
BILLING COUNTRY	454
BILLING E-MAIL	456

FIG. 3P

SPREAD REQUEST TABLE

FIELD	
ACCOUNT ID	402
VENDOR ID	320
UPLOAD NAME	462
STORAGE NAME	464
UPLOAD TIMESTAMP	466

FIG. 3Q

CRAWL REQUEST TABLE

FIELD	
ACCOUNT ID	402
VENDOR ID	320
CRAWL URL	472

FIG. 3R

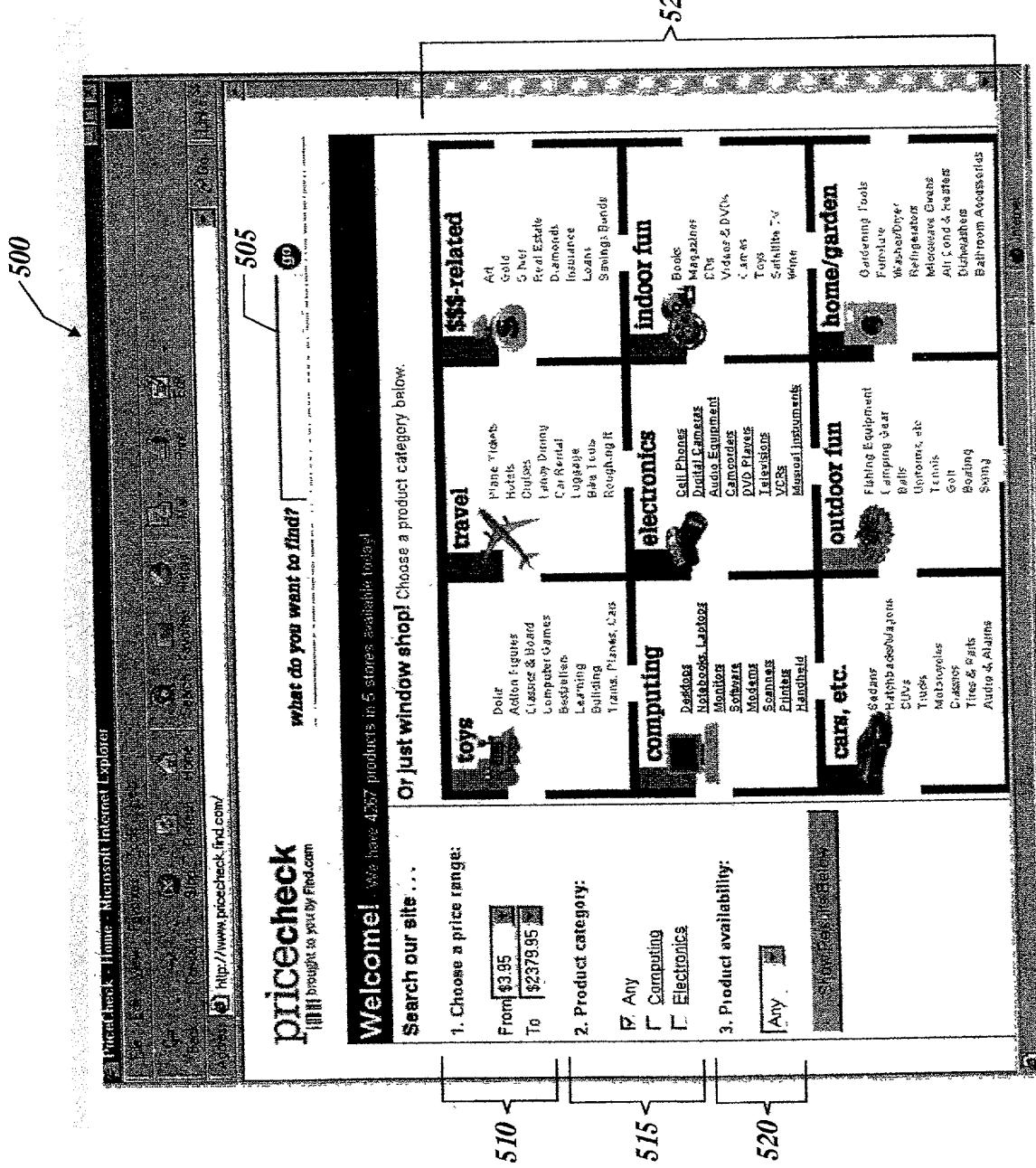
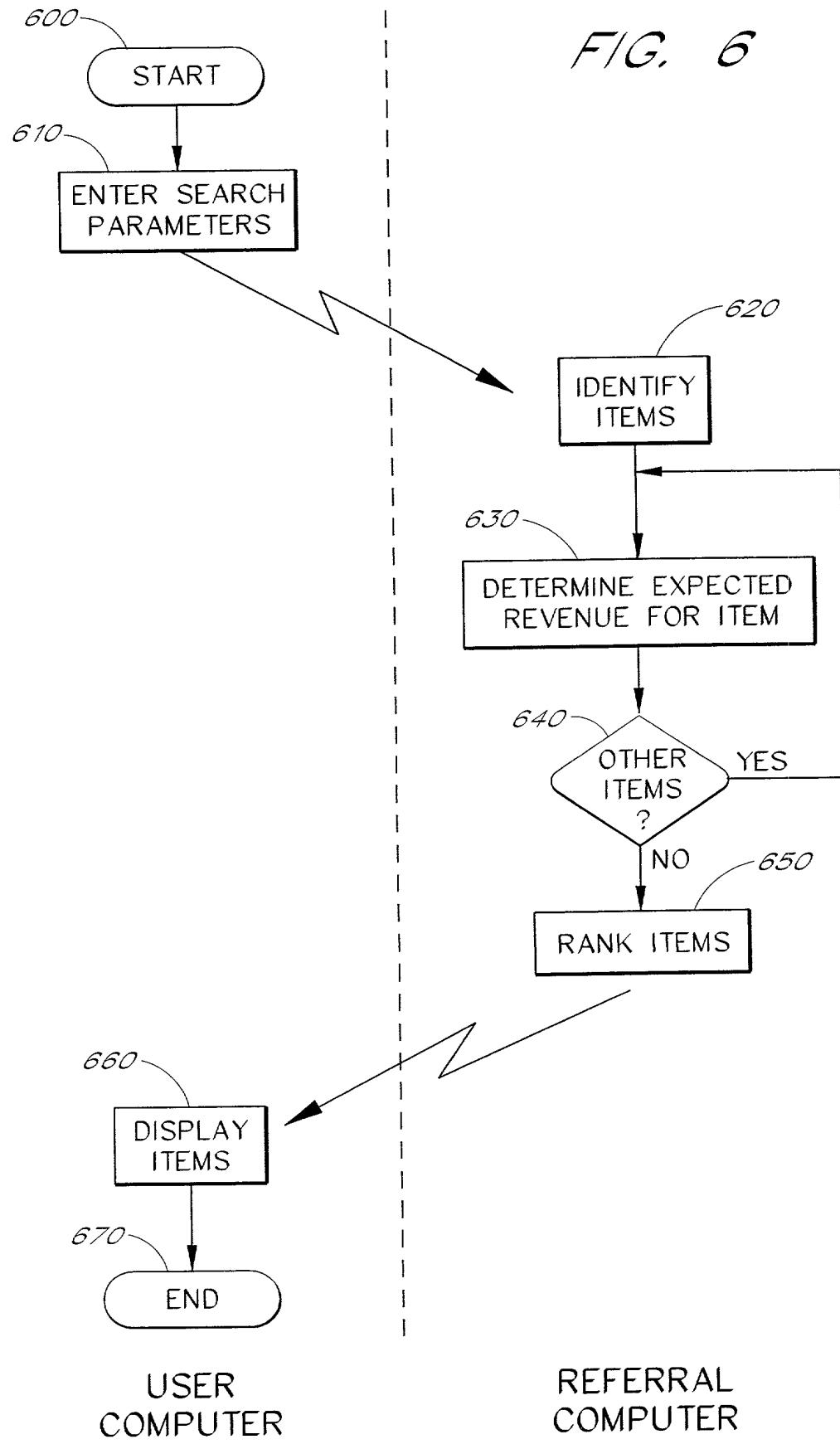


FIG. 4

Rank	Product	Description	Retailer	Price
1	20TH CENTURY FOX ENTERTAINMENT FOX SPORTS GOLF '99 WIN	Fox Sports Golf '99 for Windows is a golf game with eight challenging courses. It features intuitive controls that are easy to learn and an urbanized 3D playing environment. Features: • Includes Aerial Map Overlay for precision tee off and shot placement. • Previews every hill and valley before you take a swing. • Adjustable fine floating camera. FOX's Initiative Con	NECX	\$3.95 buy it
2	BRODERBUND SOFTWARE INC CLICKART 40K STARTER IMAGE PAK WIN	This is the full version of ClickArt 40k Starter Image Pak for a single user. This edition runs on Windows systems. The ClickArt team of design experts has organized this unique collection of images and fonts for use in newsletters, reports, leaflets, greeting cards, presentations, signs and much more. All of the content is painstakingly quality checked, hand-colored and optimized.	NECX	\$5.95 buy it
3	LIVE PICTURE COMPANY SOHO 2.0 WIN	This is the full version of Soho 2.0 is a single user. This edition runs on Windows systems. There are 7 million small businesses in the United States and every one of them wants to stand out from the rest. Well, now you can with Soho the first software application designed to help your small business create professional-quality business materials using your printer. From innovative to k	NECX	\$6.95 buy it
4	DISNEY COMPUTER SOFTWARE TOY STORY 2 PRINT STUDIO WIN	This is the full version of Toy Story 2 Print Studio for single user. This version runs on Windows systems. If you like Toy Story, you'll love Toy Story 2 Print Studio. Choose from hundreds of high-quality Toy Story 2 evocative images inspired by the film to you create and personalize your own print projects for school, friends and family, or special occasions. Make stickers, greeting cards, .	NECX	\$7.95 buy it
5	20TH CENTURY FOX ENTERTAINMENT X-FILES UNRESTRICTED ACCESS MAC/WIN	This is the full version of X-Files Unrestricted Access for a single user. This edition runs on Windows and Macintosh systems. The definitive X-Files resource is here. You've landed into a highly classified government web site giving you Unrestricted Access to The X-Files. It includes a powerful search engine to browse and search through glossaries assembled on parachutes.	NECX	\$7.95 buy it
6	DISNEY COMPUTER SOFTWARE	This is the full version of Hercules Animated StoryBook for single users. This version runs on Windows and Macintosh systems. The definitive Hercules resource is here. You've landed into a highly classified government web site giving you Unrestricted Access to Hercules. It includes a powerful search engine to browse and search through glossaries assembled on parachutes.		585 590 595

FIG. 5

FIG. 6



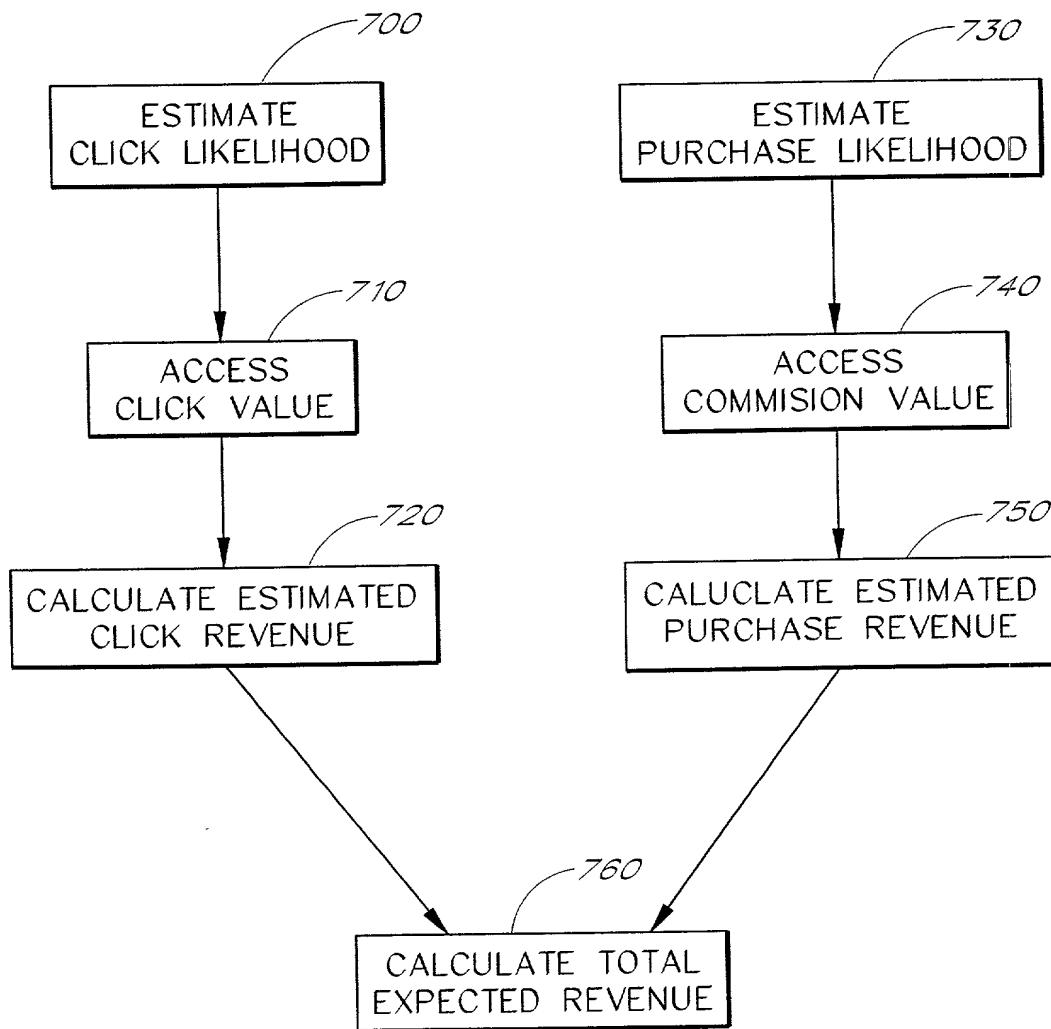


FIG. 7